

3 November 1954

MEMORANDUM FOR: THE RECORD

SUBJECT: Project Monitoring at [redacted]  
[redacted] on 28 October 1954

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1. The undersigned monitored several projects at [redacted]  
[redacted] and the following progress can be noted:

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a. [redacted] Copying Device, P-127J--A wooden prototype of the referenced device with sample optics installed was demonstrated. The principal element of the optic system is a spherical lens and the image is projected upon a concave sensitized glass surface in order to avoid distortions which result from projecting the large 8 x 10 image upon a surface at such close range. I questioned the utility of such concave firm surfaces and it was admitted that some inconveniences would be experienced in nesting such firm surfaces together. Another obvious objection to the system is that only one piece of sensitized film can occupy the camera at one time. No reasonable system for providing a film pack has yet been devised. It is noted that the shutter action for this camera is provided by rotating the spherical lens so that an image of the document being photographed is transferred line by line to the film in the camera. This work order indicates that it is possible to make photographs at this short range; however, upon completion of this prototype due consideration should be given to the advisability of making a finalized model in view of the fact that the device may not be suitable for field use.

b. 50 mm Camera--A wooden mock-up of this camera together with its glass optics was demonstrated and it is apparent that this project is progressing at a very satisfactory rate. Certainly they have achieved the type of optics which they set out to provide.

c. 70 mm Optical Comparator--This comparator was in the same stage of development as the camera in item b, and likewise it can be expected that its performance will be very satisfactory.

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C/TES/APD

## Distribution:

Orig. - P-127J

1 - P/53

✓ 1 - P/54

1 - Chrono

SECRET

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